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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/064,327	07/02/2002	Georg K. Blaschke	20043	8285
23470	7590	03/31/2006	EXAMINER	
SRAM CORPORATION 1333 N. KINGSBURY, 4TH FLOOR CHICAGO, IL 60622			KIM, CHONG HWA	
			ART UNIT	PAPER NUMBER
			3682	

DATE MAILED: 03/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/064,327

Applicant(s)

BLASCHKE, GEORG K.

Examiner

Chong H. Kim

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 February 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,2 and 4-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 4-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                         |                                                                             |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____                                                |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____                                                             | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments, see Remarks, filed Feb 10, 2006, with respect to the rejection(s) of claim(s) 1 under 35 USC 102(b) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Chang, U.S. Patent 6,209,413, Zaltron, U.S. Patent 6,898,824 B2, and Tremppala, U.S. Patent 6,553,795 B1.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1, 2, 4, and 7 are rejected under 35 U.S.C. 102(e) as being anticipated by Chang, U.S. Patent 6,209,413 B1.

Chang shows, in Figs. 1-7, a twistshifter for a bicycle, the twistshifter comprising a housing element 10 mounted about and nonrotatably fixed to a handlebar; an actuating element 60 rotatable about an axis of the handlebar, the actuating element having a limited angle of rotation; a locking device 63, 122 including a first latching element 124 arranged on the housing element and a second latching element 63 having a complementary shape for engagement with

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the first latching element and arranged directly on the actuating element, the first latching element having a hook contour 124 extending along a segment of a circumference of the twistshifter near the handlebar and the other of the second latching element forming a cutout (the bore hole in the element 60) having a complementary shape to the hook contour and extending through the actuating element (the bore hole in the element 60), wherein disengagement of the first and the second latching elements permits disengagement of the actuating element from the housing element; wherein the first and second latching elements are arranged at a radius of the twistshifter located near the handlebar; wherein the first and second latching elements extend along two segments of a circumference of the twistshifter, the segments defining angles of different sizes; and a chamfer 64 extending along a segment of the circumference of the twistshifter having an angle corresponding to an angle of the segment of the hook latching element.

4. Claims 1, 2, and 4-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Zaltron, U.S. Patent 6,898,824 B2.

Zaltron shows, in Figs. 1-7, a twistshifter comprising a housing element 5 mounted; an actuating element 2 being rotatable, the actuating element having a limited angle of rotation; a locking device 9, 10, 12 including a first latching element 9, 10 arranged on the housing element and a second latching element 12 having a complementary shape for engagement with the first latching element and arranged directly on the actuating element, the second latching element having a hook contour extending along a segment of a circumference of the twistshifter and the first latching element forming a cutout 14 having a complementary shape to the hook contour

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and extending through the housing element, wherein disengagement of the first and the second latching elements permits disengagement of the actuating element from the housing element; wherein the first and second latching elements are arranged at a radius of the twistshifter; wherein the first and second latching elements extend along two segments of a circumference of the twistshifter, the segments defining angles of different sizes; wherein the difference between the angles of the segments of the latching elements corresponds to a maximum angle of rotation of the actuating element; wherein the hook latching element is arranged on the actuating element; and a chamfer 13 extending along a segment of the circumference of the twistshifter having an angle corresponding to an angle of the segment of the hook latching element.

(note: the handlebar recited in the claims is not given patentable weight since the handlebar is only recited for intended use)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chong H. Kim whose telephone number is (571) 272-7108. The examiner can normally be reached on Monday - Friday; 6:00 - 2:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Ridley can be reached on (571) 272-6917. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

chk  
March 29, 2006



CHONG H. KIM  
PRIMARY EXAMINER